




A. Dhanush

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Career objective

Enthusiastic Engineer eager to contribute to team success through smart work, attention to detail and excellent organizational skills. Motivated to learn, grow and excel in my core.

Educational Qualification

Course	School/College	Board/University	Passing year	Percentage
BE. Mechanical engineering	PA College of Engineering and Technology, Pollachi.	Anna University	2021	CGPA:8.57
HSC	Vivekananda Vidyalaya matric higher secondary school, Tirupur.	State board	2017	85%
SSLC	Vivekananda Vidyalaya matric higher secondary school, Tirupur.	State board	2015	93%

Work Experience

- 6 months well known experience as Junior engineer in **Product Engineering Development** department in '**Devendra Autocom Private Ltd**', Chennai.

Description: Developed 2 Water pumps, 4 Oil nozzles, 3 Electronic pumps, 5 Engine pulleys and one Gear feed pump while experiencing as a junior engineer. Learnt process of manufacturing an OE sample from Drawing approval to Transfer note for production.

Skills learned: SAP ERP, Drawing study, Operation drawing, AutoCAD & Solidworks, PPAP & APQP documents, QC/QA, Machining operations, Procurement.

Project

- **FLOOR CLEANING MACHINE**

Team Head

Duration: 2 weeks

Team size: 4

Description: It was a team project done within two weeks. The project's main vision is to clean the floor without any dust. As per the vision we have completed the project successfully with greater efficiency. It was operated manually by a person.

- **DESIGN OF AUTOMATIC EMERGENCY EXIT FOR BUSES**

Team Head

Duration: 1 month

Team size: 4

Description: It was my final year project done within a month. In this project we created a bus model with an automatic emergency exit using dc motor, rack and pinion, etc. At the top portion we set up a sensor unit consists of both fire sensor and vibration sensor. We utilized the above components and got a positive result while displaying the project.

Internship/ Inplant training

➤ Internship training:

15 days training at AEROSPACE DIVISION, HINDUSTAN AERONAUTICS LIMITED, BENGALURU.

➤ In-plant training:

1 week training at NORTH CHENNAI THERMAL POWER STATION, CHENNAI.

Soft / Technical Skills

- ✓ MS – Office
- ✓ Stress handling
- ✓ Team managements

- Certified courses:
 - ✓ SOLIDWORKS
 - ✓ AutoCAD
 - ✓ CATIA V5
 - ✓ Automation in Manufacturing
 - ✓ Production and Quality
 - ✓ Introduction to Cloud
 - ✓ Python 101 for Data Science
 - ✓ Machine Learning with Python

Achievements

- ✓ Scored 1248 marks out of 1800 in NATIONAL QUALIFIER TEST conducted by TCS ION.
- ✓ Student council member in SOCIETY OF AUTOMOTIVE ENGINEERS (SAE).
- ✓ Associative member in MECHANICAL ENGINEERING ASSOCIATION.
- ✓ Member in INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE).
- ✓ Presented a paper in an “INTERNATIONAL CONFERENCE ON DEVELOPMENT AND MANAGEMENT OF SMART CITIES AND HOMES” at PSG College of Technology.
- ✓ Presented a paper in an “INTERNATIONAL CONFERENCE ON NEW SCIENTIFIC CREATIONS IN ENGINEERING AND TECHNOLOGY” at Nadar Saraswathi College of Engineering and Technology.
- ✓ Participated in State Level Computer Science Exhibition held at PA College of Engineering and Technology and developed a “PYTHON QUIZ PROGRAM”.
- ✓ Presented a paper on ‘Industry 4.0’ at KPR Institute of Engineering and Technology.
- ✓ Seminar presentation on the topic “CNC and CMM machines”.
- ✓ Workshop on “TWO WHEELER TECHNICAL SERVICE TRAINING” conducted by SAE held at PA College of Engineering and Technology on 23rd March 2018.
- ✓ Workshop on “R&AC TECHNICAL SERVICE TRAINING” conducted by SAE held at PA College of Engineering and Technology.
- ✓ Workshop on “ANDROID” conducted by department of computer science and engineering held at PSG Institute of Technology and Applied Research.
- ✓ Workshop on “ENERGY MANAGEMENT IN INDUSTRY” conducted by the department of chemical engineering held at Coimbatore institute of technology.
- ✓ Workshop on “ADVANCES IN NANOTECHNOLOGY” conducted by department of chemical engineering held at Coimbatore institute of technology.
- ✓ Workshop on “ADVANCEMENT IN DYNAMIC DRIVE CONTROL AND ENGINE MANAGEMENT SYSTEM” conducted by HONDA and FORD held at Government college of technology, Coimbatore.

- ✓ Workshop on “ADDITIVE MANUFACTURING AND HANDS ON FDM 3D PRINTING” conducted by Maxcadd held at PA college of engineering and technology.
- ✓ Participated in “CADD PROFICIENT” contest at KPR institute of engineering and technology.
- ✓ Webinar on “TESTING OF INTERNAL COMUSTION ENGINE” organized by Francis Xavier engineering college, Tirunelveli.
- ✓ Webinar on “Metallic Corrosion and Graphene Based Anti-Corrosion Coating Materials” organized by Vidyavardhaka College of Engineering, Mysuru.

Personal details

Name : A. Dhanush

Date of birth : 22-05-2000

Father’s Name : T. Ayyappan

Mother’s Name : A. Jayaveni

Current Address : 1/489, TPN garden, K. Chettipalayam, Tirupur.

Hobbies : Listening to music, eating delicious foods, searching interesting facts.

Nationality : Indian

Languages known : Tamil and English

Any kind of disability : No

Willingness to relocate : Yes

Strength : Taking Initiative, Focused, Versatility, Creativity, Flexibility

Declaration

I do here by confirm that the information given above is true and correct to the best of my knowledge.

Place: Tirupur

Signature/E – Signature: A. Dhanush